

# SERVICE MANUAL

## AUDIO MIXER PRO.MX-1200



<sup>®</sup>  
**iNkEL**

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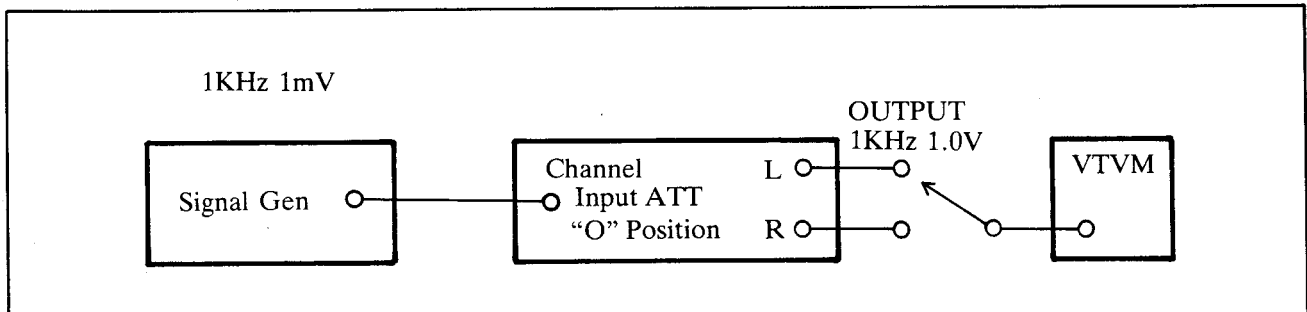
# ELECTRICAL ADJUSTMENT PROCEDURE

## 1. OUTPUT LEVEL METER ADJUSTMENT

### A. SETTING (CHANNEL 1)

Impedance sel	: High
Input ATT	: 0 position
High control	: Center
Mid control	: Center
Low control	: Center
Echo control	: 0 position
Pan control	: Center
Input volume control	: Max position

### B. CONNECTION

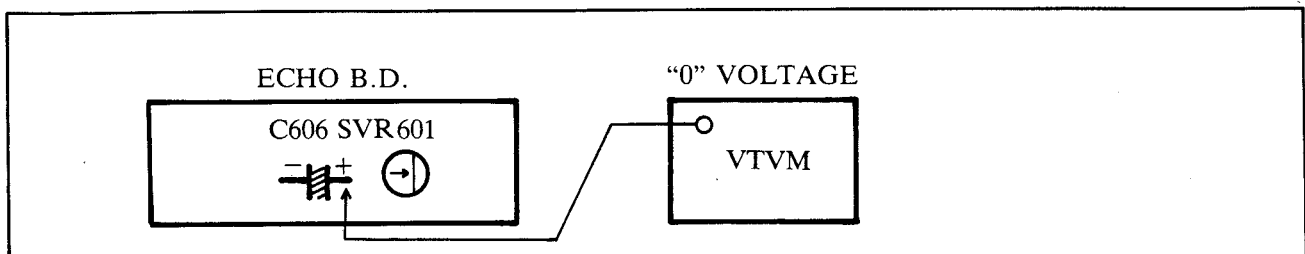


### C. ADJUSTMENT

- (1) Apply a 1KHz input signal of 1mV
- (2) Adjust the master volume so that output voltage is 1V
- (3) Adjust SVR901A/B so that output level meter indicate "OdB" position.

## 2. ECHO NOISE ADJUSTMENT

### A. CONNECTION



### B. ADJUSTMENT

Adjust the SVR601 until the C606 6+ pin becomes "0" voltage.

# SPECIFICATIONS

Rated Output Voltage (RMS)	1.2V $\pm$ 100mV
Input Sensitivity	
CH 1,2,3,4 (Variable by Input ATT)	1mV to $\infty$ (at 1KHz)
CH 5,6,7,8,9,10 (Variable by Input ATT)	
at Mic/Line function	1mV to $\infty$ (at 1KHz)
at Phono function	2mV to $\infty$ (at 1KHz)
Aux 1,2	1V (at 1KHz)
Total Harmonic Distortion at 20Hz to 20KHz	
1.2V Output (Aux)	0.05%
Frequency Response at -3dB	
at Input ATT 0 Position	33Hz to 20KHz
at Input ATT -20dB Position	27Hz to 47KHz
at Input ATT -40dB Position	27Hz to 54KHz
S/N Ratio	
at Input ATT 0 Position	55dB (at 1KHz)
at Input ATT -20dB Position	61dB (at 1KHz)
at Input ATT -40dB Position	65dB (at 1KHz)
Aux	65dB (at 1KHz)
Tone Control	
Bass at 100Hz	$\pm$ 15dB
Mid at 1KHz	$\pm$ 12dB
Treble at 10KHz	$\pm$ 15dB
Graphic EQ Effect	
40Hz	$\pm$ 12dB
160Hz	$\pm$ 12dB
400Hz	$\pm$ 12dB
1KHz	$\pm$ 12dB
2.5KHz	$\pm$ 12dB
6.3KHz	$\pm$ 12dB
16KHz	$\pm$ 12dB
Phono Equalization	RIAA $\pm$ 1dB
Echo Effect	
Delay Time	0.04 — 0.4 Sec
Repeat	1 to 7 Times
Headphone Output (at 1KHz 8 ohm Load)	1.5mW

# PARTS LIST

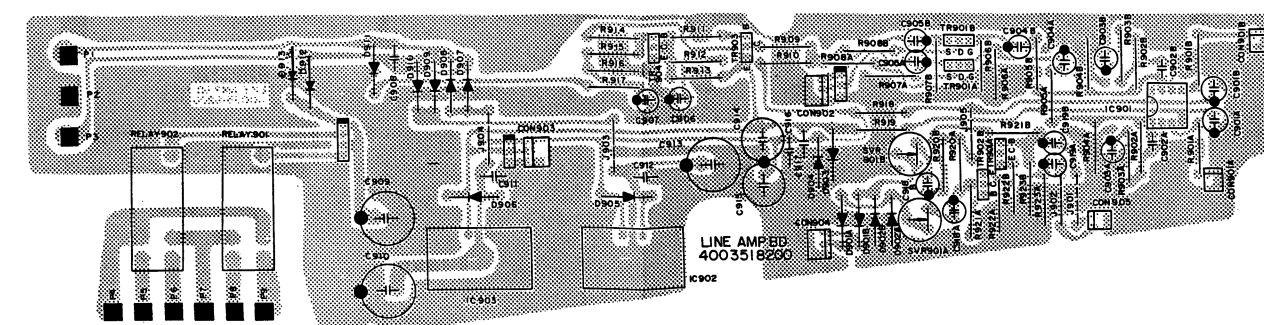
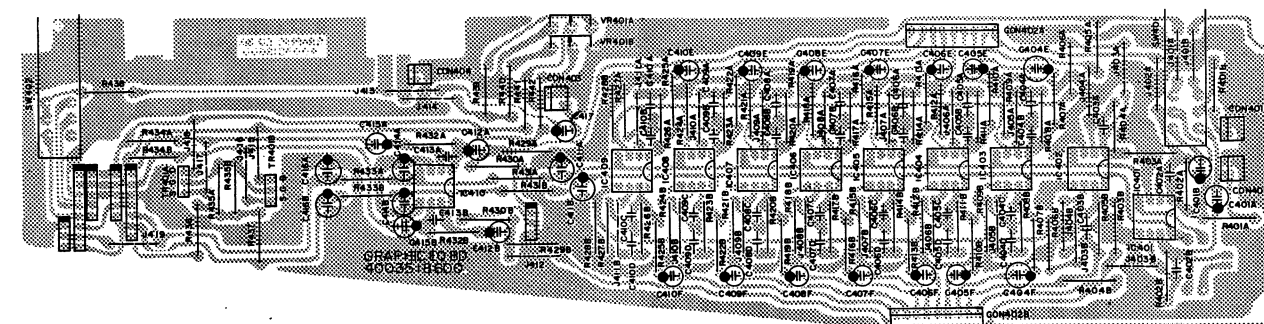
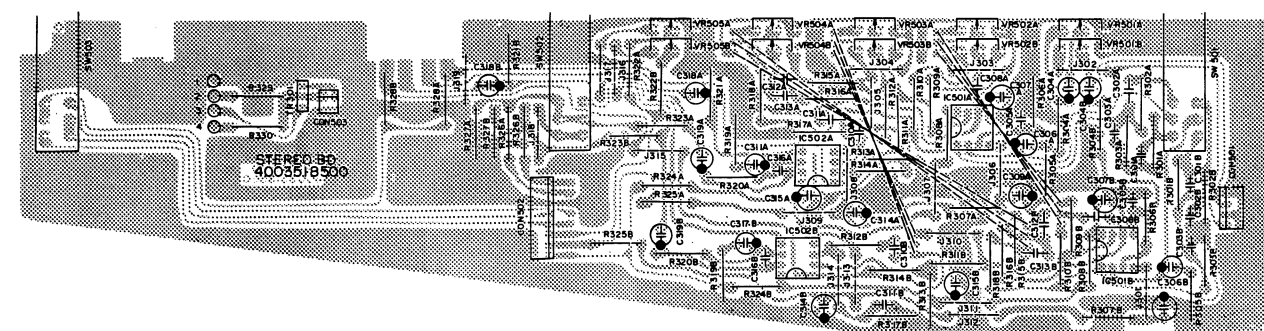
Ref No.	Parts No.	Description	Q'ty	Ref No.	Parts No.	Description	Q'ty
<b>4003518700 SUB PCB MIC</b>				C217, C218			
			4	C203	3509509030	CAP C 5PF 50V C	2
IC101, IC102	2168220104	NJM4558D JRC	8	C211	3509330130	CAP C 33PF 50V J	2
T101	2808000100	TRANSFORMER IT-172	4	C219	3509560130	CAP C 56PF 50V J	2
C101, C117	3409210971	CAP E 1uF 50V	8	C208	3609102120	CAP M 0.001uF 100V J	2
C102, C113	3409210071	CAP E 10uF 50V	12	C201	3609152120	CAP M 0.0015uF 100V J	2
C114				C202	3609822120	CAP M 0.0082uF 100V J	2
C103, C104, C115, C116	3409247031	CAP E 47uF 16V	16	C209, C210	3609562120	CAP M 0.0056uF 100V J	4
C107	3509509030	CAP C 5PF 50V C	4	C212, C213	3609473120	CAP M 0.047uF 100V J	4
C112	3509830130	CAP C33PF 50V J	4	<b>4003518500 SUB PCB STEREO</b>			
C106	3509560130	CAP C56PF 50V J	4				2
C105	3609102120	CAP M 0.001uF 100V J	4	IC301A,B	2168220104	NJM 4558D JRC	8
C108, C109	3609562120	CAP M 0.0056uF 100V J	8	IC302A,B			
C110, C111	3609473120	CAP M 0.047uF 100V J	8	TR301	2008606104	TR NPN KTC1815Y KEC	2
R121, R122	3009330273	RES CF 33¼W J N	8	R324A,B	3009330273	RES CF 33¼W J N	8
R106, R110	3009470273	RES CF 47¼W J N	8	R325A,B			
R103	3009101273	RES CF 100¼W J N	4	R307A,B	3009470273	RES CF 47¼W J N	8
R118	3009102273	RES CF 1K¼W J N	4	R308A,B			
R102	3009152273	RES CF 1.5K¼W J N	4	R304A,B	3009101273	RES CF 100¼W J N	4
R117	3009332273	RES CF 3.3K¼W J N	4	R305A,B	3009391273	RES CF 390¼W J N	4
R105, R107	3009562273	RES CF 5.6K¼W J N	16	R319A,B	3009102273	RES CF 1K¼W J N	4
R115, R119				R320A,B	3009332273	RES CF 3.3K¼W J N	12
R109, R112	3009103273	RES CF 10K¼W J N	8	R323A,B			
R111, R113	3009273273	RES CF 27K¼W J N	8	R327A,B			
R124, R125, R126	3009333273	RES CF 33K¼W J N	12	R309A,B	3009562273	RES CF 5.6K¼W J N	16
R116	3009473273	RES CF 47K¼W J N	4	R310A,B			
R114	3009563273	RES CF 56K¼W J N	4	R315A,B			
R104, R120	3009104273	RES CF 100K¼W J N	8	R318A,B			
R108, R123	3009334273	RES CF 330K¼W J N	8	R329	3009752273	RES CF 7.5K¼W J N	2
<b>4003518300 SUB PCB PHONO</b>				R311A,B	3009103273	RES CF 10K¼W J N	10
			2	R314A,B			
IC201, IC202	2168220104	NJM4558D JRC	4	R330			
R222, R223	3009330273	RES CF 33¼W J N	4	R312A,B	3009273273	RES CF 27K¼W J N	8
R208, R211	3009470273	RES CF 47¼W J N	4	R317A,B			
R204	3009101273	RES CF 100¼W J N	2	R303A,B,	3009333273	RES CF 33K¼W J N	12
R206	3009391273	RES CF 390¼W J N	2	R326A,B			
R219	3009102273	RES CF 1K¼W J N	2	R328A,B			
R218	3009332273	RES CF 3.3K¼W J N	2	R316A,B	3009473273	RES CF 47K¼W J N	4
R207, R208	3009562273	RES CF 5.6K¼W J N	8	R313A,B	3009563273	RES CF 56K¼W J N	4
R216, R220				R310A,B	3009823273	RES CF 82K¼W J N	4
R210, R214	3009103273	RES CF 10K¼W J N	4	R306A,B	3009104273	RES CF 100K¼W J N	8
R212, R213	3009273273	RES CF 27K¼W J N	4	R321A,B			
R202, R225, R226, R227	3009333273	RES CF 33K¼W J N	8	R302A,B	3009334273	RES CF 330K¼W J N	8
R217	3009473273	RES CF 47K¼W J N	2	R322A,B			
R215	3009563273	RES CF 56K¼W J N	2	C320	3409247871	CAP E 0.47uF 50V	2
R203	3009823273	RES CF 82K¼W J N	2	C304A,B,	3409210971	CAP E 1uF 50V	8
R205, R221	3009104273	RES CF 100K¼W J N	4	C318A,B			
R201, R224	3009334273	RES CF 330K¼W J N	4	C317A,B,	3409210071	CAP E 10uF 16V	8
C204, C214	3409210971	CAP E 1uF 50V	4	C319A,B			
C215, C216	3409210071	CAP E10uF 50V	4	C306A,B	3409233031	CAP E 33uF 16V	4
C205	3409233031	CAP E 33uF 16V	2	C307A,B,	3409247031	CAP E 47uF 16V	16
C206, C207,	3409247031	CAP E 47uF 16V	8	C309A,B,			
				C314A,B,			
				C315A,B			
				C301A,B	3509509030	CAP C 5PF 50V C	4

Ref No.	Parts No.	Description	Q'ty	Ref No.	Parts No.	Description	Q'ty
C316A,B	3509330130	CAP C 33PF 50V J	4	R437	3009224273	RES CF 220K $\frac{1}{4}$ W J N	1
C305A,B	3509560130	CAP C 56PF 50V J	4	R435A,B	3009335273	RES CF 3.3M $\frac{1}{4}$ W J N	2
C308A,B	3609102120	CAP M 0.001uF 100V J	4	C410E,F	3409210971	CAP E 0.47uF 50V	2
C303A,B	3609152120	CAP M 0.0015uF 100V J	4	C409E,F	3409210971	CAP E 1uF 50V	3
C302A,B	3609822120	CP M 0.0082uF 100 V J	4	C417			
C310A,B	3609562120	CAP M 0.0056uF 100V J	8	C408E,F	3409222971	CAP E 2.2uF 50V	2
C311A,B				C407E,F	3409247971	CAP E 4.7uF 50V	2
C312A,B	3609473120	CAP M 0.047uF 100V J	8	C401A,B	3409210071	CAP E 10uF 50V	8
C313A,B				C406E,F			
				C412A,B			
				C415A,B			
<b>4003518600 SUB PCB EQ</b>			1	C405E,F	3409222041	CAP E 22uF 25V	2
IC401, IC402	2168220104	NJM4558D JRC	10	C404E,F	3409247031	CAP E 47uF 16V	8
IC403, IC404,				C411A,B			
IC405, IC406,				C414A,B			
IC407, IC408,				C416A,B			
IC409, IC410				C413A,B	3509330130	CAP C 33PF 50V J	2
TR401A,B	2018207110	FET N-CH 2SK30A TMY	2	C402A,B	3509101130	CAP C 100PF 50V J	4
R433A,B	3009330273	RES CF 33 $\frac{1}{4}$ W J N	2	C403A,B,C,D	3609222120	CAP M 0.0022uF 100V J	4
R431A,B	3009470273	RES CF 47 $\frac{1}{4}$ W J N	2	C409A,B,C,D	3609562120	CAP M 0.0056uF 100V J	4
R401A,B	3009101273	RES CF 100 $\frac{1}{4}$ W J N	2	C408A,B,C,D	3609153120	CAP M 0.015uF 100V J	4
R407A,B	3009151273	RES CF 150 $\frac{1}{4}$ W J N	14	C407A,B,C,D	3609393120	CAP M 0.039uF 100V J	4
R410A,B				C406A,B,C,D	3609104120	CAP M 0.1uF 100V J	4
R413A,B				C405A,B,C,D	3639334110	CAP MT 0.33uF 50V J	4
R416A,B				C404A,B,C,D	3639105110	CAP MT 1uF 50V J	4
R419A,B							
R422A,B				<b>4003518110 SUB PCB PFL</b>			1
R425A,B				IC501, IC502	2168220104	NJM 4558D JRC	2
R428A,B	3009221273	RES CF 220 $\frac{1}{4}$ W J N	2	TR501A,B	2008206105	TR PNP KTA1015Y KEC	2
R409A,B	3009102273	RES CF 1K $\frac{1}{4}$ W J N	16	TR502A,B	2008606104	TR NPN KTC1815Y KEC	2
R412A,B				R514, R515	3009330273	RES CF 33 $\frac{1}{4}$ W J N	2
R415A,B				R512, R513	3009470273	RES CF 47 $\frac{1}{4}$ W J N	2
R418A,B				R505A,B	3009102273	RES CF 1K $\frac{1}{4}$ W J N	4
R421A,B				R507A,B			
R424A,B				R502, R503	3009332273	RES CF 3.3K $\frac{1}{4}$ W J N	2
R427A,B				R506A,B	3009331273	RES CF 330 $\frac{1}{4}$ W J N	2
J401A,B				R507A,B	3009103273	RES CF 10K $\frac{1}{4}$ W J N	2
R430A,B	3009222273	RES CF 2.2K $\frac{1}{4}$ W J N	2	R511	3009153273	RES CF 15K $\frac{1}{4}$ W J N	1
R441, R442	3009332273	RES CF 3.3K $\frac{1}{4}$ W J N	2	R509A,B	3009473273	RES CF 47K $\frac{1}{4}$ W J N	2
R434A,B	3009472273	RES CF 4.7K $\frac{1}{4}$ W J N	3	R501, R504	3009393273	RES CF 39K $\frac{1}{4}$ W J N	2
R436				R510A,B	3009104273	RES CF 100K $\frac{1}{4}$ W J N	4
R402A,B	3009562273	RES CF 5.6K $\frac{1}{4}$ W J N	8	R517, R518			
R403A,B				R516	3009154273	RES CF 150K $\frac{1}{4}$ W J N	1
R404A,B				R508A,B	3009334273	RES CF 330K $\frac{1}{4}$ W J N	2
R405A,B				C501, C505A,	3409210971	CAP E 1uF 50V	5
R408A,B	3009183273	RES CF 18K $\frac{1}{4}$ W J N	14	B, C507, C508			
R411A,B				C506A,B	3409247871	CAP E 4.7uF 50V	4
R414A,B				C512, C513			
R417A,B				C502A,B	3409222041	CAP E 22uF 25V	2
R420A,B				C503A,B	3409247031	CAP E 47uF 16V	4
R423A,B				C509, C510			
R426A,B				C511	3509330130	CAP C 33PF 50V J	1
R406A,B	3009223213	RES CF 22K $\frac{1}{4}$ W J N	2	C504A,B	3509560130	CAP C 56PF 50V J	2
R432A,B	3009333273	RES CF 33K $\frac{1}{4}$ W J N	2				
R439, R440	3009393273	RES CF 39K $\frac{1}{4}$ W J N	2	<b>4003518010 SUB PCB ECHO</b>			1
R429A,B	3009473273	RES CF 47K $\frac{1}{4}$ W J N	2				
R438	3009154273	RES CF 150K $\frac{1}{4}$ W J N	1				

Ref No.	Parts No.	Description	Q'ty	Ref No.	Parts No.	Description	Q'ty
IC601	2168010102	MN3101 MATSU	1	IC801	2168220104	NJM4558D JRC	1
IC602	2168010103	MN3007 MATSU	1	R810, R811	3009470273	RES CF 47 $\frac{1}{4}$ W J N	2
IC603	2168220104	NJM4558DD JRC	1	R804	3009102273	RES CF 1K $\frac{1}{4}$ W J N	1
TR601, TR602	2008606101	TR NPN KTC732 TM BL KEC	2	R807	3009152273	RES CF 1.5K $\frac{1}{4}$ W J N	1
D601, D602	2058304100	DIODE CDG24 FAIR	2	R805	3009392273	RES CF 3.9K $\frac{1}{4}$ W J N	1
SVR601	3248310320	RES SEMI CS10KB 10/5	1	R809	3009123273	RES CF 12K $\frac{1}{4}$ W J N	1
R603, R615	3009151273	RES CF 150 $\frac{1}{4}$ W J N	2	R802, R803	3009333273	RES CF 33K $\frac{1}{4}$ W J N	2
R609, R613	3009682273	RES CF 6.8K $\frac{1}{4}$ W J N	2	R808	3009104273	RES CF 100K $\frac{1}{4}$ W J N	1
R608, R611	3009123273	RES CF 12K $\frac{1}{4}$ W J N	2	R801, R806	3009334273	RES CF 330K $\frac{1}{4}$ W J N	2
R618, R623, R624	3009333273	RES CF 33K $\frac{1}{4}$ W J N	3	C808	3409210971	CAP E 1uF 50V	1
R607, R610, R612, R614	3009393273	RES CF 39K $\frac{1}{4}$ W J N	4	C807	3409210071	CAP E 10uF 50V	1
R604, R605, R621, R622	3009104273	RES CF 100K $\frac{1}{4}$ W J N	4	C801, C802, C803	3409222041	CAP E 22uF 25V	3
R617	3009124273	RES CF 120K $\frac{1}{4}$ W J N	1	C812	3409233031	CAP E 33uF 16V	1
R620	3009154273	RES CF 150K $\frac{1}{4}$ W J N	1	C805, C809, C810, C811	3409247031	CAP E 47uF 16V	4
R601	3009184273	RES CF 180K $\frac{1}{4}$ W J N	1	C806	350950930	CAP C 5PF 50V C	1
R606, R616, R619	3009224273	RES CF 220K $\frac{1}{4}$ W J N	3	C804	3509330130	CAP C 33PF 50V J	1
R602	3009684273	RES CF 680K $\frac{1}{4}$ W J N	1	<b>4003518200 PCB LINE AMP</b>			1
C606, C618	3409247871	CAP E 0.47uF 50V	2	IC901	2168220104	NJM4558D JRC	1
C612	3409210971	CAP E 1uF 50V	1	IC902	2168613103	IC UPD 7815 NEC	1
C602, C613, C616	3409233971	CAP E 3.3uF 50V	3	IC903	2168613102	IC UPD7915 NEC	1
C604, C611, C615	3409247031	CAP E 47uF 16V	3	TR901A,B	2018207110	FET N-CH 2SK30 TMY	2
C614	3409561130	CAP C 560PF 50V J	1	TR902A,B	2008206104	TR NPN KTC1815Y KEC	3
C601	3509181130	CAP C 180PF 50V J	1	TR903, TR904	2008606105	TR PNP KTA1015Y KEC	1
C607, C609	3609152120	CAP M 0.0015uF 100V J	2	D901A,B, D902A,B	2058010100	DIODE 1N60 FAIR MATSU	4
C603, C608	3609332120	CAP M 0.0033uF 100V J	2	D903, D904, D905, D906, D907, D908, D909, D910, D911, D912, D913	2058106100	DIODE RECTIFIER 1N4002	11
C617	3609562120	CAP M 0.0056uF 100V J	1	RELAY901, 902	5528001150	RELAY VB-24B 24V DC TAKAMI	2
C605, C610	3609682120	CAP M 0.0068uF 100V J	2	SVR901A,B	3248310320	RES SEMI CS 10KB 10/5	2
<b>4003518000 SUB PCB MONITOR</b>			1	R912, R918, R919	3009470273	RES CF 47 $\frac{1}{4}$ W J N	3
IC701, IC702	2168220104	NJM4558D JRC	3	R905A,B, R922A,B	3009101273	RES CF 100 $\frac{1}{4}$ W J N	4
IC703	3009330273	RES CF 33 $\frac{1}{4}$ W J N	2	R901A,B, R903A,B	3009102273	RES CF 1K $\frac{1}{4}$ W J N	4
R701A,B	3009470273	RES CF 47 $\frac{1}{4}$ W J N	2	R902A,B, R920A,B	3009222273	RES CF 2.2K $\frac{1}{4}$ W J N	4
R705A,B	3009391273	RES CF 390 $\frac{1}{4}$ W J N	2	R909, R917	3009472273	RES CF 8.2K $\frac{1}{4}$ W J N	2
R703A,B	3009102273	RES CF 1K $\frac{1}{4}$ W J N	2	R923A,B	3009822273	RES CF 4.7K $\frac{1}{4}$ W J N	2
R704A,B	3009152273	RES CF 1.5K $\frac{1}{4}$ W J N	4	R906A,B, R915, R916	3009103273	RES CF 10K $\frac{1}{4}$ W J N	4
R706A,B	3009473273	RES CF 47K $\frac{1}{4}$ W J N	2	R904A,B	3009473273	RES CF 47K $\frac{1}{4}$ W J N	2
R708A,B	3009334273	RES CF 330K $\frac{1}{4}$ W J N	4	R921A,B	3009563273	RES CF 56K $\frac{1}{4}$ W J N	2
R709A,B	3409210971	CAP E 1uF 50V	2	R911, R914	3009823273	RES CF 82K $\frac{1}{4}$ W J N	2
C706A,B	3409210071	CAP E 10uF 50V	2	R913	3009104273	RES CF 100K $\frac{1}{4}$ W J N	1
C707A,B	3409222041	CAP E 22uF 25V	2	R907A,B, R910	3009224273	RES CF 220K $\frac{1}{4}$ W J N	3
C704A,B	3409247031	CAP E 47uF 16V	4	R908A,B	3009335273	RES CF 3.3M $\frac{1}{4}$ W J N	2
C701A,B	3509330130	CAP C 33PF 50V J	2	<b>4003518100 SUB PCB TALK</b>			1
C702A,B	3509560130	CAP C 56PF 50V J	2				

Ref No.	Parts No.	Description	Q'ty	Ref No.	Parts No.	Description	Q'ty
C918A,B	3409210971	CAP E 1uF 50V	2	C914, C915	3409247131	CAP E 470uF 16V	2
C904A,B, C905A,B	3409247971	CAP E 4.7uF 50V	7	C909, C910, C913	3409247141	CAP E 470uF 35V	3
C907, C909A,B	3509330130	CAP C 33PF 50V J	2	C902A,B	3509330130	CAP C 33PF 50V J	2
C906	3409210071	CAP E 10uF 50V	1	C908	3509103450	CAP C 0.01uF 500V P	1
C903A,B	3409222071	CAP E 22uF 25V	2	C911, C912	3509104530	CAP C 0.1uF 50V Z	2
C901A,B	3409247031	CAP E 47uF 16V	2	C916, C917	3609104120	CAP M 0.1uF 100V J	2

## TOP VIEW OF P.C. BOARDS

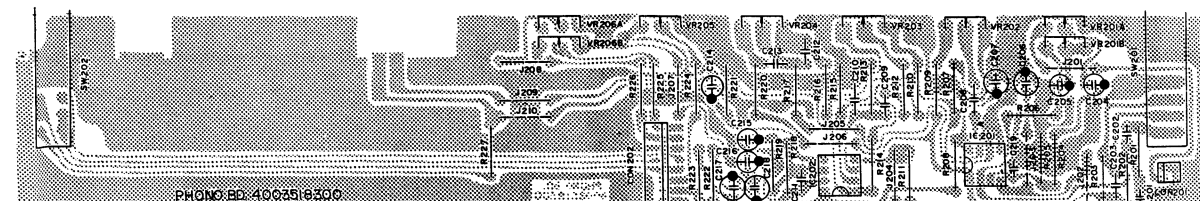
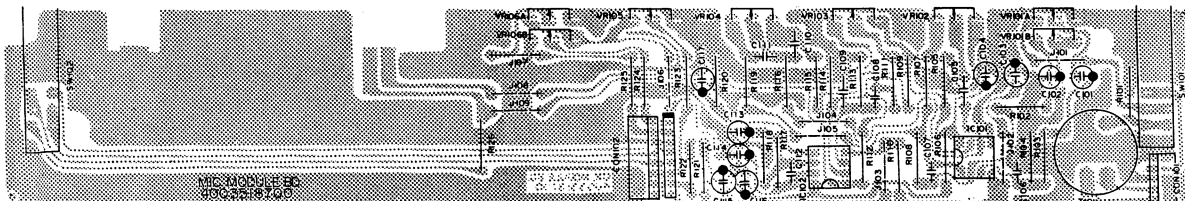
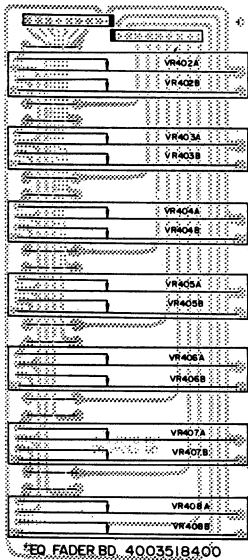
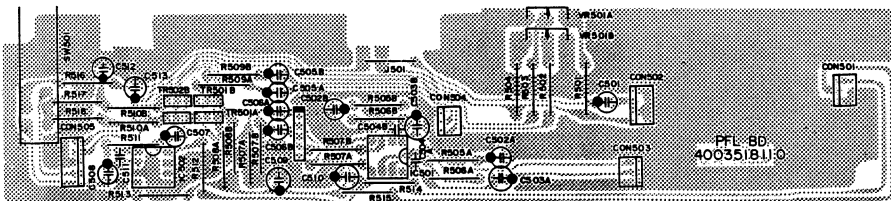
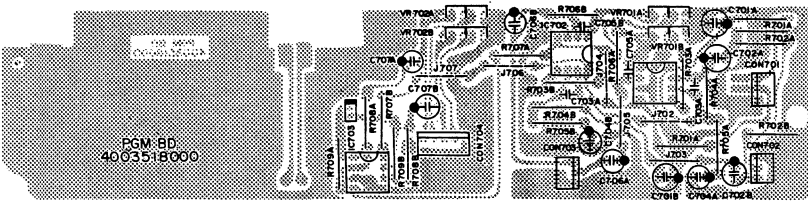
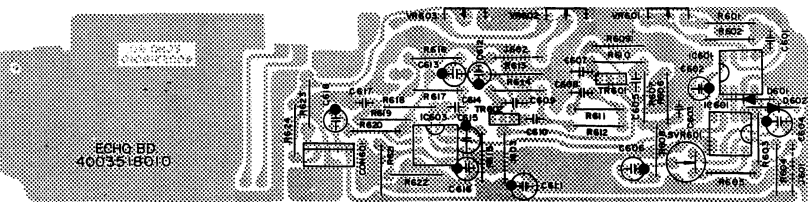
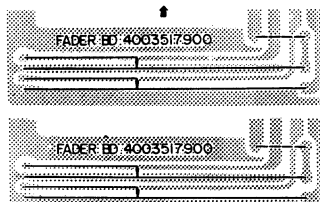
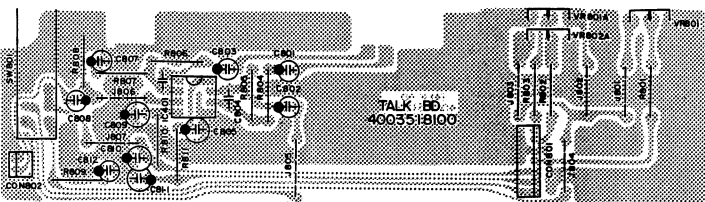




PRO MX-1200 Parts List According to Exploded View

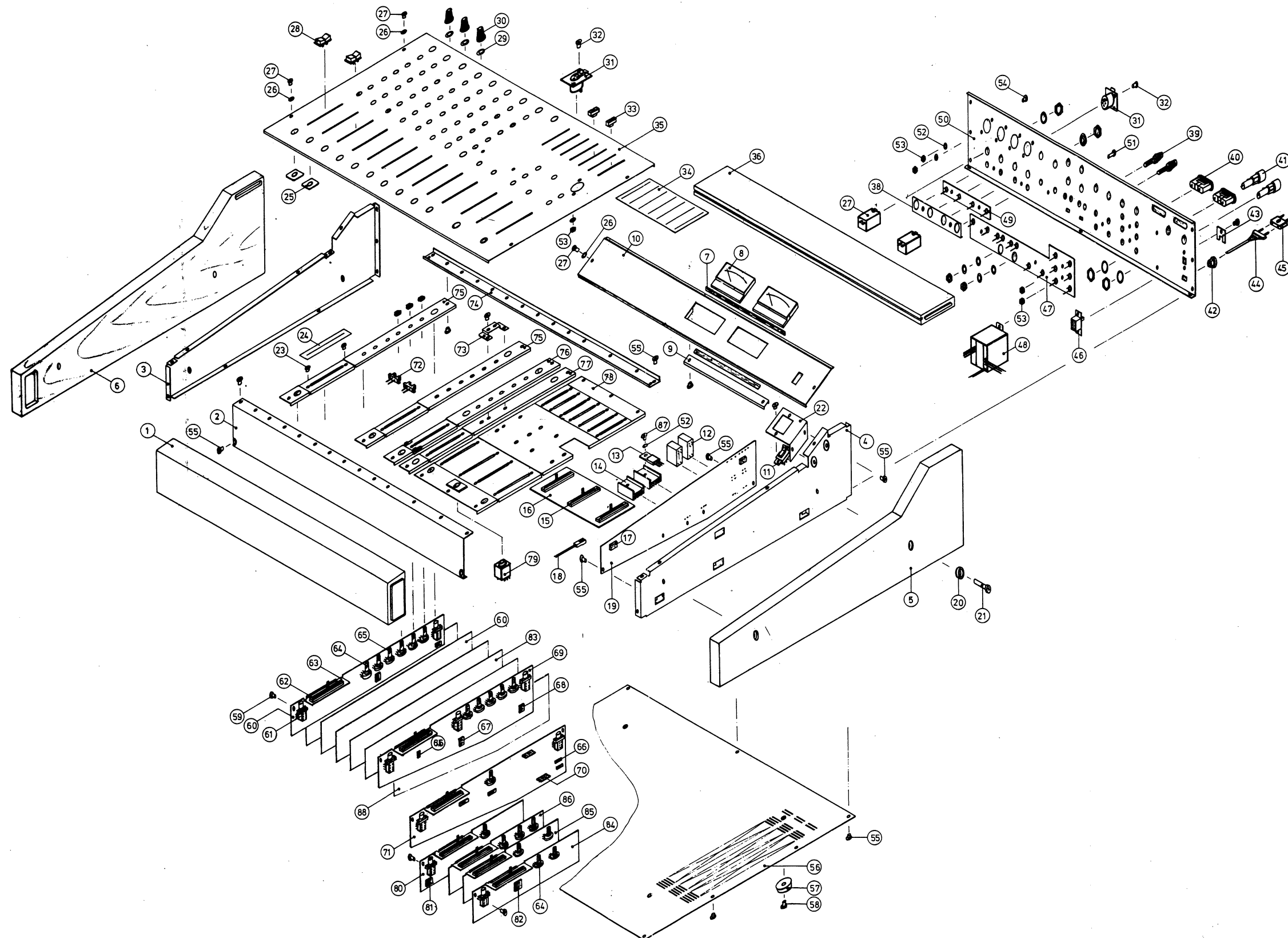
NO.	DESCRIPTION	PARTS NO.	Q'TY
1	FRONT WOOD	8602399810	1
2	CHASSIS FRONT	6122299110	1
3	FRAME SIDE (L)	6122697410	1
4	FRAME SIDE (R)	6122697310	1
5	PLATE WOOD (R)	6122697210	1
6	PLATE WOOD (L)	6122697110	1
7	RUBBER SPONGE	6715001310	2
8	METER	5328001130	2
9	METER BRACKET	6503997410	1
10	PANEL METER	8602995910	1
11	SWITCH LOCKER	4648000410	1
12	RELAY VB-24MB 24V	5528001150	2
	DC TAKAMI		
13	IC UPD7815 NEC	2168613103	2
14	HEAT SINK	7505201110	2
15	SLVR 45L 10KB x 2	3238099310	7
16	EQ FADER PCB	4003518400	1
17	SPONGE	6715001520	3
18	CONNECTOR ASS'Y 2P	4355997610	1
19	LINE AMP PCB	4003518200	1
20	WASHER CABINET	6305000520	4
21	SCREW BM 4 x 24B	8009140243	4
22	SWITCH BRACKET	6502999410	1
23	SCREW BM 2 x 3Y	8009120031	38
24	STRIP FELT	6735002310	13
25	PUSH BEZEL	8525999710	22
26	WASHER VINYL	8305001410	6
27	SCREW PM 2.6 x 6B	8019126063	6
28	KNOB SLIDE	8543000711	13
29	FELT STRIP	6735002010	55
30	KNOB CONTROL	8545999210	55
30-1	CAP KNOB BLUE	8555999910	8
30-2	CAP KNOB GREEN	8555999920	8
30-3	CAP KNOB RED	8555999930	8
30-4	CAP KNOB BLACK	8555999940	31
31	CANON CONNECTOR	4358999610	5
32	SCREW RF 3 x 10N	8009130104	10
33	KNOB SLIDE	8543002910	7
34	STRIP FELT	6735999410	1
35	PANEL FRONT	8601999810	1
36	DECORATION WOOD	8623999910	1
37	MIC JACK	4438000120	14
38	JACK BRACKET	6505996910	1
39	SYSTEM GND	4463100210	2
40	OUTLET AC	4448100410	2
41	FUSE HOLDER	4458000220	2

NO.	DESCRIPTION	PARTS NO.	Q'TY
42	STOPPER CORD	6513000310	1
43	VOLTAGE SELECTOR HOLDER	6515000620	1
44	AC CORD	4308000810	1
45	AC PLUG ADAPTOR	4428300119	1
46	VOLTAGE SELECTOR SWITCH	4618000410	1
47	RCA JACK 14P	4438199810	1
48	POWER TRANSFORMER	2828097502	1
49	RCA JACK 4P	4438199910	1
50	CHASSIS BACK	6102996410	1
51	SCREW PM 3 x 8B	8019130083	6
52	SPRING WASHER	8319130011	18
53	NUT M3	8209130011	16
54	SCREW #3BTC 3 x 6B	8109330063	10
55	SCREW #3BTC 3 x 6Y	8109330061	55
56	BOTTOM COVER	6121699810	1
57	FOOT RUBBER	6335000610	4
58	SCREW #2BTC 3 x 12Y	8109230121	4
59	SCREW #2WPTC 3 x 6Y	8159230061	4
60	PCB MIC	4003518700	4
61	PUSH SWITCH	4628998210	22
62	SLVR 60L 10KA x 1	3238099210	11
63	SUB PCB FADER	4003517900	13
64	Ø16 VR 10KB x 2K 20	3228099510	9
65	Ø16 VR 100KB x 1K 20	3228099710	18
66	WAFER 2P	4355005010	12
67	WAFER 8P	4428598280	8
68	WAFER 4P	4428598240	3
69	SUB PCB STEREO	4003518500	2
70	WAFER 9P	4428598290	2
71	PCB EQ	4003518600	1
72	PHOTO COUPLE	2408000199	2
73	PANEL BRACKET	6505997210	2
74	FRAME CENTER	6122498710	1
75	MIC MODULE	6502999250	6
76	STEREO MODULE	6502999110	2
77	EQ MODULE	6502999510	1
78	MASTER MODULE	6502999310	1
79	STEREO JACK	4438000110	1
80	PCB PFL	4003518110	1
81	WAFER 5P	4428598250	4
82	WAFER 7P	4428598270	1
83	PCB PHONO	4003518300	2
84	PCB TALK	4003518100	1
85	PCB MONITOR	4003518000	1
86	PCB ECHO	4003518010	1
87	SCREW #2BTC 3 x 8Y	8109230081	4

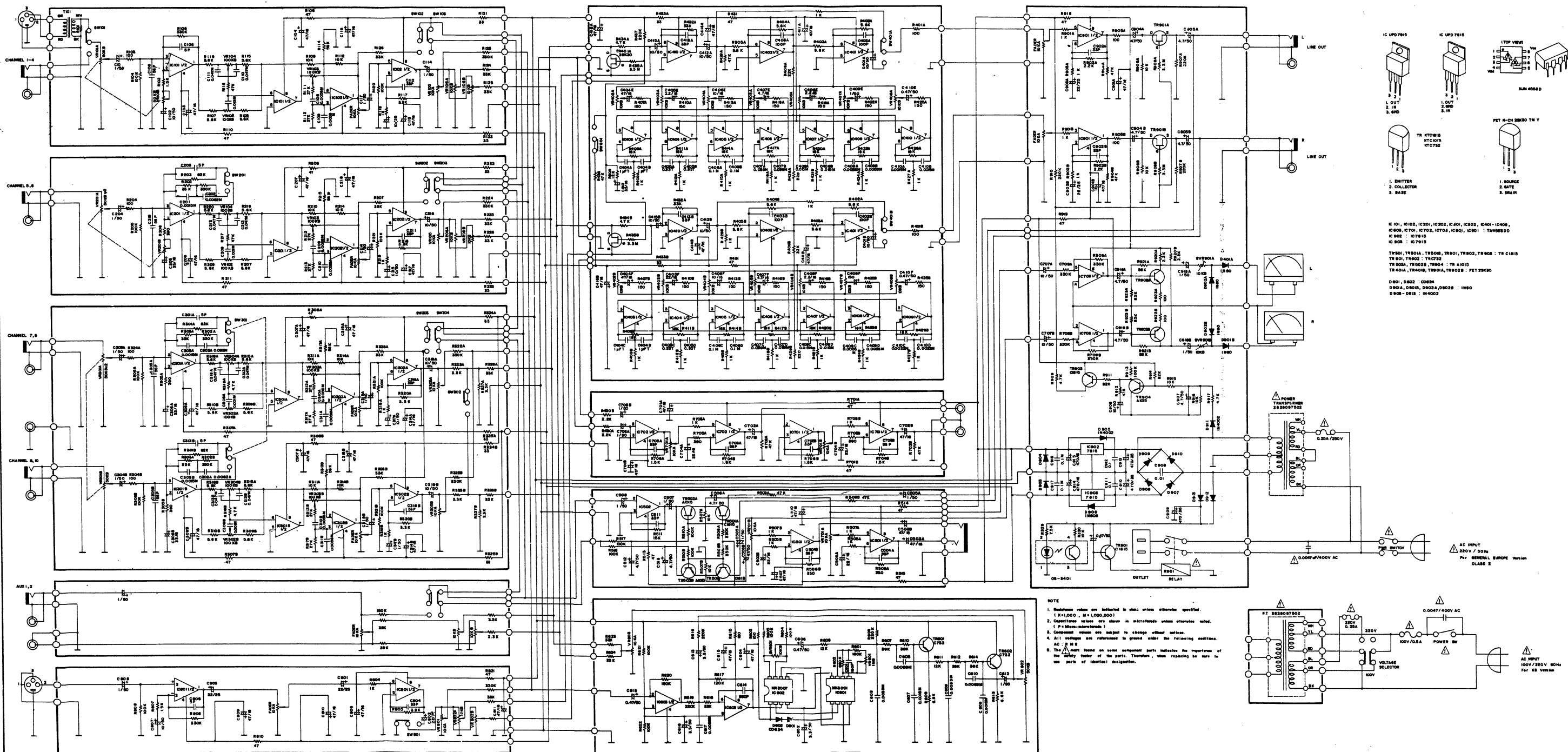




# EXPLODED VIEW OF CABINET AND CHASSIS



## SCHEMATIC DIAGRAM



# BLOCK DIAGRAM

